

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A recording apparatus for forming an image on a recording medium, comprising:

recording means for performing recording by applying a recording material onto the recording medium, the recording means recording at least one of a positional information image representing positional information corresponding to the position where the positional information image is recorded and the ~~other~~ image; and

a control means for controlling the recording such that the recording means records the positional information image with a recording material capable of being detected by a predetermined detector, and ~~said other the~~ image with another recording material incapable of being detected by the detector;

wherein the positional information image can arbitrarily be recorded on the recording medium

2. (currently amended) A recording apparatus according to Claim 1, wherein the recording material used for recording the positional information image contains carbon, and the recording material used for recording ~~said other the~~ image is carbon-free.

3. (currently amended) A recording apparatus according to Claim 1, wherein the

recording material used for recording the positional information image comprises one of a pigment ink containing carbon and a dye ink containing carbon, and the recording material used for recording ~~said other~~the image comprises one of a carbon-free pigment ink and a carbon-free dye ink.

4. (currently amended) A recording apparatus according to Claim 1, wherein the recording material for the positional information image is black, and the recording material for ~~said other~~the image is a plurality of recording materials capable of recording a color image.

5. (original) A recording apparatus according to Claim 4, wherein the plurality of recording materials correspond to a plurality of colors including yellow, magenta, and cyan.

6. (original) A recording apparatus according to Claim 4, wherein the plurality of recording materials have a plurality of colors including yellow, magenta, cyan, and black.

7. (original) A recording apparatus according to Claim 1, wherein the positional information image is expressed by a combination pattern of a plurality of spots to represent the positional information.

8. (original) A recording apparatus according to Claim 1, wherein the positional information is associated with coordinates on the recording medium.

9. (original) A recording apparatus according to Claim 1, wherein the positional information is associated with coordinates on a virtual plane beyond the area of the

recording medium.

10. (currently amended) A method for recording an image with a recording apparatus that applies a recording material onto a recording medium, the method comprising:

~~the recording step of recording, on the recording medium,~~ at least one of a positional information image corresponding to positional information representing at least positions on the recording medium and ~~the other image, on the recording medium;~~ and

~~the control step of controlling the recording step~~ such that the positional information image is recorded with a recording material capable of being detected by a predetermined detector, and ~~said the other image~~ is recorded with another recording material incapable of being detected by the detector,

wherein the positional information image can arbitrarily be recorded on the recording medium.

11. (currently amended) A recording medium including:

a pattern image designating positions at least thereon, the pattern image being recorded by applying a first recording material capable of being detected by a predetermined detector; and

~~the other an image, different from the pattern image,~~ recorded by applying a second recording material incapable of being detected by the detector,

wherein the pattern image can arbitrarily be recorded on the recording medium.

12. (currently amended) A recording system comprising:

a recording apparatus for performing recording by applying a recording material onto a recording medium according to image data, the recording apparatus recording positional information representing positions on at least the recording medium and the other-image_data, the recording apparatus including control means for controlling recording such that the positional information is recorded with a recording material capable of being detected by a predetermined detector, and ~~said-the other-image_data~~ is recorded with a recording material incapable of being detected by the detector; and
a transmitting apparatus for transmitting the image data to the recording apparatus, the transmitting apparatus including image data preparation means and image data transmission means,

wherein the positional information image can arbitrarily be recorded on the recording medium.

13. (currently amended) A program for controlling a recording apparatus for recording an image by applying a recording material onto a recording medium, the program performing:

~~the recording step of recording, on the recording medium, an~~ positional information image corresponding to positional information representing positions on at least the recording medium and the ~~other-image, on the recording medium;~~

~~the control step of controlling the recording step~~ such that the positional information image is recorded with a recording material capable of being detected by a predetermined detector, and ~~said-the other-image~~ is recorded with another recording material incapable of being detected by the detector,

wherein the positional information image can arbitrarily be recorded on the recording medium.